

Software Development Life Cycle

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Introduction

This document is intended to lay out the goals, approaches and standards for the software development lifecycle within DAS-ITE.

Mission & Principles

Mission Statement

Deliver a software development methodology that enables DAS-ITE to produce quality software solutions at the best value for our customers.

Guiding Principles

- Follow industry standards
- Make decisions as a team (consensus)
- Remain flexible to business needs
- Remain consistent with DAS-ITE Customer Service model
- Demonstrate / describe the value all process steps
- Strike a balance between speed of delivery and quality

Objectives

The following objectives are steps towards developing our SDLC:

1. Define the overall process (high-level)
2. Identify inputs and output for each step
3. Identify required skill sets
4. Gather / create documents and templates
5. Define process scalability criteria and required documents
6. Integrate with division-internal processes:
 - Security
 - DAS-ITE: Project Management
 - Others

1. Validate the process with external review
2. ITE organizational buy-in
3. Create marketing information for customers
4. Value statement(s)
5. Benefits for customers
6. Relate to customer survey information

Next: [Definitions](#) * [Roles](#) * [Phases](#) * [Sample Documents](#)